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Knickelbein's
WILD LIFE NURSERIES

ROUTE 5, - OSHKOSH, WIS., U.S.A.
BOX 26

DUCK - FISH - GAME FOODS
FOR SPRING PLANTING

LIBRARY
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★ APR 27 1950 ★

U. S. Department of Agriculture

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More Food Means More Game

Every "dyed-in-the wool" Duck hunter is more or less a naturalist — whether you know it or not you are making observations every time you sit in your blind or pole over your marsh. You are wondering what the Ducks eat and are trying to find a reason for their apparent peculiar actions. Your observations have shown that wild Ducks will congregate on those areas where there is plenty of food for them. While you perhaps cannot identify what they are feeding on, you do know that these Ducks continue to return to that same feeding area day after day.

Where our natural food plants are established in abundance the Ducks will continue to return in the same manner in spite of shooting, and insure the finest of sport the entire season.

While the reports from many areas are that the Ducks are increasing, only those Duck lakes and marshes that had plenty of natural food last fall produced continued good sport all season with something to show in the way of game for the time spent hunting.

Where natural Duck foods are established in abundance, the birds even overlook those "butterfly-days" of inactivity. Wild Ducks are naturally gluttons, as you know, and they will continue filling their stomachs even when it seems another tuber or seed will choke them.

Fortunately, where such foods are not now growing, they can be planted very easily, and these hardy foods will grow year after year when once established, making PERMANENT, LEGAL, NATURAL FEEDING GROUNDS.

We supply both Northern and Southern grown plants; duck foods for fresh hard and soft waters, salt, brackish and alkaline waters; a complete line, something for all conditions and all localities. Southern grown duck foods shipped year around. Northern grown foods shipped in season.

Complete Line of Natural Foods for Wild Waterfowl, Upland Game Birds, Fish, Muskrats!

Write us about your planting problems--expert help & advice



One of our customers writes us "Our duck foods are doing fine. I got my limit of Mallards in the first 20 minutes of shooting. We limited shooting to Mallards and Pintails — passed up hundreds of shots on small ducks . . . want to plant more of our duck ponds next year. Had best shooting in 20 years."



NOW is an ideal time to plan and plant your feeding grounds for wild ducks. Plantings made now will produce crop of food for ducks NEXT FALL. We have helped many sportsmen, hunting clubs and game commissions throughout the U. S. and Canada, make their places favorite stopping and feeding grounds for wild ducks. Areas that a few years ago were worthless waste places, now planted with our natural wild duck foods, are now attracting thousands of ducks that swarm in to feed on the ripened grains and seeds, tender roots, tubers and shoots, as well as the crisp foliage of these natural food plants — foods successfully used for over 50 years.

On other pages we list the favorite natural foods of wild ducks, wild geese, food and shelter for fish, and other wild life. Let us know what you want, using handy order blank enclosed, and we'll send materials and planting directions.

Knickelbein's

WILD LIFE NURSERIES

Located in the Fox River Valley . . . between Lake Butte des Morts and Lake Winnebago.

P. O. Address, Route 5, Box 26 Oshkosh, Wisconsin



wild Life Foods *insure good hunting* Plant These

Knickelbein's WILD LIFE NURSERIES

For Moist Shores, Marshes to 1 Foot of Water

THREE-SQUARE BULRUSH (*Scirpus americanus*)

Very hardy throughout U. S. and Canada, in fresh, brackish, moderately alkaline locations. Produces abundance of seeds, eagerly eaten by over **NINETEEN KINDS OF DUCKS**, as well as Wild Geese. Good cover. Shove roots down into soil, in 4 to 12 inches water. Stands drought. ROOTS: 1000 (plants 1 acre) \$22; 100, \$2.75.

GIANT BUR REED (*Sparganium sp.*)

One of the most valuable marsh duck food and cover plants that thrives in every section of the country. Easily established in low marshy areas, moist marginal areas or in water up to one foot in depth. (Our Bur Reed grows in water up to four feet deep, but we recommend starting it in shallower areas and it will grow into deeper water). The plants grow to 4½ and 5 feet high and have extensive root systems that prevent their being uprooted by carp and at the same time serve to prevent wave action erosion or washing of banks, levees and dams. These plants produce an abundance of seeds that come the closest in Nature to resembling "good old yellow corn". This is proved by the way the birds "work" in a stand of it. Permanent, legal feeding bed for all varieties of marsh ducks. It will attract and hold them year after year, insuring you the finest of sport! Stands drought. ROOTS: 1000 (plants 1 acre) \$20; 100, \$2.75.

PHEASANT BERRY - FALSE BITTERSWEET (*Solanum dulcamara*)

Excellent food for wild ducks, pheasant, woodcock, snipe. Grows on moist or dry soil, stream banks, swales, bogs, watersides. Ornamental and attractive with purple flowers and red berries. ROOTS: 100, \$15; 25, \$5; 10, \$3.00.

WAPATO DUCK POTATO (*Sagittaria latifolia*)

Wild ducks of all kinds, and Canada Geese feed eagerly on the seeds and tender tubers or "potatoes" this plant produces in abundance. Makes food over long season, until the freeze-up. Stands drought and fluctuating water levels. Good muskrat food.

EASY TO GROW — shove tubers down into marshy, wet soil, mud or sand, and up to 12 inches water, using 1000 per acre. Very hardy throughout U. S. and Canada. Quick-growing. Stands drought.

GRADE A-1 TUBERS:
1000, \$15; 100, \$2.50

SMARTWEEDS (*Polygonum*)

Excellent foods for wild ducks, especially attractive to Pintails, Mallards, Teal, Lesser Scaup, Ring-neck ducks; also an attractive natural food for Wild Turkeys, Doves, Peasants, Grouse, Partridge and Quail. Adapted to a wide range of conditions throughout the U. S. and Canada.. Withstands floods and drought.

SOUTHERN WATER SMARTWEED (*Polygonum sp.*)

For planting on muddy shores, and in up to one foot fresh, moderately acid, or mildly alkaline water. Five bushel plants one acre. Bushel, \$5; 5 Bushel \$19.

SWAMP SMARTWEED (*P. hydropiperoides*)

Grows on moist margins, marshes and in shallow fresh or moderately acid (soft) water, preferably not over 6 or 8 inches deep. Withstands shade. Plant 1500 roots or plants per acre. ROOTS: 1000, \$25; 300, \$9; 100, \$4.00.

MARSH SMARTWEED (*P. Muhlenbergii*)

For planting on marshy soil, shores, shallow fresh or mildly alkaline water. Withstands flooding and drought well. Plant 1500 roots per acre. ROOTS: 1000, \$25; 300, \$9; 100, \$3.50.

REED GRASS (Canes) (*Phragmites*)

Excellent blinds, cover for wild ducks. Grows 4 to 7 ft. high, on lowlands, and to 2 ft. water. Plant 1200 roots per acre. ROOTS: 1000, \$23; 100, \$2.50.

PHALARIS GRASS

Sow on banks, shores, moist lands, or well-drained land or in few inches water. Grows in up to 2 ft. water. Perennial. Excellent food for muskrats; cover for wild ducks. Excellent food and shelter for fish. Soil-binder —retards erosion and washing of shores, banks and dams. 6 lbs. sows 1 acre. SEED: 6 lbs., \$7.50; \$1.35 per lb.

WATER CRESS

(*Sysymbrium nasturtium-aquaticum*)

Mighty tasty to man or bird. Also an excellent plant for trout streams. Plant in shallow springs, spring holes or spring fed streams containing lime on mud or sand bottom in water 2 inches to 10 inches deep. The leaves of these plants may be used in sandwiches or salads on the table and Water Cress where waters do not freeze over, will feed ducks the year around. 5 bushel plants 1 acre. PLANTS: \$5 per bushel; 5 bushel, \$15.



Foods Now to Attract Ducks Next Fall!

ROUTE 5, BOX 26, OSHKOSH, WIS., U. S. A.

WAMPEE OR DUCK CORN (*Peltandra virginica*)

 Excellent duck food, especially marsh ducks for planting in acid swamps and marshy areas. Will stand quite a bit of shade so you can grow a good crop of this duck food under trees where it is difficult to get other foods established. We can supply the seed in the Fall. Plant 10 lbs. per acre. We also supply the young plants for early Spring plantings which should be planted about 1½ ft. apart. This plant is a wonderful southern duck food (North to Southern Michigan). **STRONG YOUNG PLANTS:** 1000, \$30; 100, \$4; **SEED:** 10 lbs., \$7.50; 1 lb. for \$1.

FROGBIT (*Limnobium*)

Frogbit floats in shallow waters, extending its roots into the muck below, or grows on mud itself, often where water has receded. Has proven excellent Mallard, Ring-neck and Wood Duck food, although other ducks also eat it. 8,000 to 10,000 seeds found in the stomachs of Mallards examined. Seeds and tender shoots eaten. (Southern grown and shipped from our Florida Nursery location). 500 plants plant 1 acre. **PLANTS:** 500, \$18; 1000, \$28; 100, \$3.75.

DWARF WAPATO (*Sagittaria subulata*)

Seeds of Wapatoes are eaten in quantities by a number of waterfowl, sometimes eating hundreds at a meal. Excellent food for muskrats. Grows in few inches of

water in streams, springs, lakes. Thrives on tide-water flats. Plant 4 bushel per acre. **STRONG PLANTS, ROOTS:** Bushel, \$5; 4 bushel or more, \$4.50 bushel; 10 bushel or more \$4.25 per bushel.

DUCK MEATS - COONTAIL

Quick-growing — reproduce rapidly and withstand a lot of feeding by a lot of ducks. Make food soon as sown in water — grow year after year. Do not root in soil, but float in water over any kind of bottom. Scatter in sheltered, quiet waters, or among reeds, rushes, among which plants will anchor.

SUBMERGED (STAR) DUCK MEAT

Scatter 12 bushel per acre in fresh hard, or moderately soft (acid) waters. Bushel, \$3; 12 bushel, \$27; 25 bushel or more \$2 per bushel.

BIG DUCKS MEAT

Excellent to sow throughout U. S. and Canada. It floats on top water. 6 bushel sows 1 acre. Bushel, \$3; 6 bushel, \$15.

COONTAIL

Quick-growing, submerged floating duck and fish food. Excellent shelter for game fish, harbors the aquatic insects and animal life fish eat. Ducks eat seeds and foliage. Scatter in shady or sunny places throughout U. S. and Canada, in rather quiet, sheltered spots, over any kind of bottom. Northern and Southern grown and furnished the year-around. 12 bushel sows 1 acre. \$3 bushel; 12 bushel, \$27.

Giant Wild Rice Brings in the Ducks!

One of the most famous and best known of the natural foods for wild ducks is the Wild Rice.

Mallards, Pintails, Black Ducks, Teal, Wild Canada Geese and other waterfowl fly hundreds of miles to beds of Wild Rice, where they feast eagerly on the ripened grain. Excellent cover.

Giant Wild Rice grows in a few inches to 2½ ft. fresh water, with sufficient change to prevent stagnancy, on mud or muck bottom. Do not plant it south of Savannah, Ga., - San Francisco, Calif.

For Spring and Early Summer Planting — Young Plants — plant 1500 per acre. **PLANTS:** 1000, \$15; 100, \$2.50. These will mature and produce seed next fall!

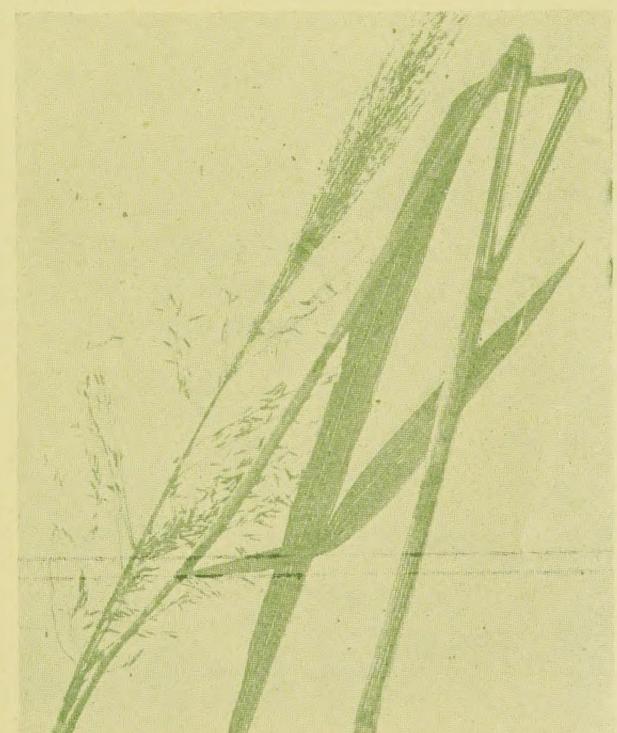
Large Grade A-1 fully-ripened seed of high germination, for Fall delivery (shipment at harvest time). 30 lbs. sows 1 acre. **SEED:** \$18 per bushel; peck, \$5; 2 quarts, \$3.00.

SOUTHERN WILD RICE (shipped from our Florida Nursery location). **PLANTS, (Clumps):** 100, \$9; 1000, \$45.

ENGLISH CALL DUCKS — MALLARDS!

A very select flock of Wild Gray Mallard Ducks — very high class true-to-type birds. **NOW IS THE TIME** to place your order, for immediate or later shipment. \$5 each; trio (2 hens, 1 drake) \$12.

We have also a very limited supply of Genuine English Call Ducks, well-marked, true-to-type, at \$8 each; trio (2 hens, 1 drake) \$20. The supply is very limited, so ORDER EARLY!



"Wildlife" Wild Rice Plant - Seed Head

Plant in 1 to 3 Feet of Water

PICKEREL PLANT (*Pontederia cordata*)

Attractive plant with spikes of purple flowers. Wild ducks feed on seeds. Plant in 1 to 3 ft. fresh hard or soft water, quiet bays, ponds, streams, marshes, preferably on soft bottom. Use 750 roots per acre. ROOTS: 100, \$12.50; 25, \$4.

DEEP WATER DUCK POTATO (*Sagittaria rigida*)

The tubers this plant produces in abundance are favorite food of Mallards, Black Ducks, Bluebills and other marsh and diving ducks. Grows in 1 to 3 ft. of water, on soft mud bottom, slow-flowing streams, ponds, lakes, marshes. Plant 1200 per acre. TUBERS: 1000, \$22; 100, \$3.*

HORNED POND PLANT (*Zannichellia palustris*)

A great duck food wherever planted throughout the U. S. and Canada. Adapted to wide range of conditions. Grows in ponds, lakes, streams, springs in 1 to 3 ft. of fresh, brackish, salt, alkaline waters. Does best on mud bottom, but has grown on sandy soil. Persists in spite of carp. Furnished year-around for North and South. Plant 10 bushel per acre. PLANTS: Bushel, \$5; 5 bushel, \$19; 10 bushel, \$36.

TUBEROUS WHITE WATER LILY

Bluebills, Teal and 17 other species wild ducks feed on the seeds produced. Plant 750 tubers per acre, in 1 to 3 ft. water, preferably soft mud bottom. TUBERS: 100, \$4; 750, \$20.*

BANANA WATERLILY (*C. mexicana*)

Important duck food to plant throughout South, including California. Ducks eat roots, tubers, seed. Plant 750 roots or plants per acre in 1 to 2 ft. fresh or slightly salt water, on rich bottom. ROOTS: 1000, \$75; 300, \$35; 100, \$15.*

GREAT BULRUSH (*Scirpus acutus*)

Seeds are excellent food for ducks. Stands wave action; protects dams, banks, eroding shores; checks silt movement. Grows 5 to 7 ft. high; making excellent blinds; cover for waterfowl. Plant 1000 roots per acre in 6 inches to 4 ft. water. ROOTS: 1000, \$22; 100, \$2.75.*

WATER SHIELD (*Brasenia schreberi*)

Attracts Mallards, Black Ducks, Pintails and many other varieties of ducks. Valuable fish food and cover. Grows in 1 to 5 ft. acid or neutral waters. ROOTS or PLANTS: 1000, \$23; 100, \$4.*

ELODEA (Carp-resisting)

Quick-growing duck and fish food. Ducks eat seeds (small fruits) and leaves. Our guaranteed fresh plants produce vigorous growth. Plant in 1 to 8 ft. water, on mud, loam bottom. 10 bushel plants 1 acre. PLANTS: \$3 per bushel; 10 bushel, \$25; 25 bushel or more \$2.00 per bushel.

* ROOTS AND TUBERS EASY TO PLANT

Roots and tubers planted in a foot or more water are weighted, then taken out and dropped into the water. You can weight these following instructions we furnish, or if you wish, we'll weight roots and tubers for you. ALL ROOTS and TUBERS CAN BE WEIGHTED, if desired, to save you time and make your whole planting easier at \$4.50 per 1000; 50c per 100 unless otherwise quoted.

Plant in 1 to 6 ft. of Water

WILD CELERY (*Vallisneria spiralis*)

Famous Bluebill, Redhead, Canvasback food, also eaten by Mallards, Pintails and other ducks. Good fish food and shelter; oxygenator. EASY TO PLANT—drop weighted roots into 1 to 1½ ft. hard fresh, or slightly brackish, fairly clear, changing water on mud, sandy, coarse silt bottom. Stands some waves and current. The thickened winter-buds that grow on the ends of many runners produced by each plant, are the most valuable part of Wild Celery to Redheads, Bluebills, Canvasbacks; leaves and seeds eaten by many ducks. Strong roots, 1000 plant 1 acre. ROOTS: 1000, \$15; 100, \$2.75.*

LONGLEAF POND PLANT (*P. americanus*)

Excellent food for ducks, food and shelter for fish. Grows in 2 to 5 ft. water throughout U. S. and Southern Canada. Stands floods and drought. 5 bushels plants 1 acre. PLANTS: Bushel, \$5; 3 bushel, \$12; 5 bushel, \$19.*

BASSWEED-REDHEAD GRASS (*P. richardsonii*)

Wild ducks feed on its seeds, rootstocks, and other vegetative portions of plants. Grows in fresh, brackish, alkaline lakes, ponds, streams, on mud or sandy soils. Excellent food for marsh and diving ducks, makes food and shelter for bass and other game fish. Plant 1200 per acre. ROOTS: 1000, \$22; 100, \$3.*

NAIAS or BUSHY PONDWEED (*Naias flexilis*)

This is a combination duck and fish food plant that will grow almost anywhere in the U. S. and Canada in fresh or brackish waters. It will attract and hold the Teal, Mallards and Pintails besides many other varieties of ducks that feed on the tiny seeds produced by these plants. Makes food and shelter for fish. Low-growing. Does not interfere with fishing. We furnish these plants covered with well-ripened seeds in the late Summer and Fall in North. Order early to avoid disappointment. 5 bushel plants 1 acre.



Naias Plant

\$4 per bushel; \$3 per bushel in lots of 5 bushel or more.

MUSKGRASS

All parts of the plant eaten by many kinds of ducks. Grows submerged throughout U. S. and Canada, in hard fresh, brackish or alkaline water a few inches to 30 ft. deep (depending on clarity of water). Excellent for fish — low-growing, does not interfere with fishing. 5 bushel sows 1 acre. PLANTS: Bushel, \$5; 5 bushel, \$20.

6 Feet of Water

Attract the Wild Ducks with

SAGO POND PLANT (*Potamogeton pectinatus*)

One of the best all-around foods in North America. Canvasbacks, Redheads, Mallards, Pintails, Black Ducks, Wild Geese, Swan, and many other waterfowl eagerly feed on the seeds, tender tubers and all parts of plant. Being submerged, it is an ideal food and cover plant for fish.

WHERE TO PLANT

Sago Pond Plant grows submerged in 1 to 6 ft. or more of fresh, hard, brackish or alkaline water, on mud, clay or poor sandy soil. You are almost certain of success when Sago Pond Plant is planted, as it grows easily, is very hardy, and is adapted to a wide range of conditions, throughout U. S. and Canada.



Sago Pond Plant

TUBERS: 1000, \$19; 100, \$2. **WEIGHTED TUBERS PREPAID:** 1000, \$26; 100, \$3.50.

FOR SALT - BRACKISH - ALKALI WATERS WIDGEON GRASS (*Ruppia sp.*)

This is the ideal natural food for Waterfowl to plant in alkali, salty or brackish water. It does especially well in those tide-water marsh pot-holes that are brackish all the season. It is an entirely submerged plant growing where the water depth is $\frac{1}{2}$ to 16 feet. A soft bottom is preferred. Plant six bushels young plants per acre. **PLANTS:** \$8 per bushel; \$7 per bushel in 15 bushel or more lots.

SALICORNIA (*Salicornia europaea*)

Grows on strongly saline or alkaline flats, low ground, marshy areas without much water. Plant 4 bushel per acre. **PLANTS:** Bushel, \$8; 4 bushel, \$28.

SALT MARSH BULRUSH

For salt marshes, low areas where water is brackish — stands salt water tides. Sow 10 lbs. seed per acre. **SEED:** 2 lbs., \$3; 10 lbs., \$8. **ROOTS,** (plant 1200 per acre): 1000, \$25; 100, \$3.75.

In addition to above in somewhat salt, brackish and alkali waters, also grow in fresh hard water. Sago Pond Plant, Wild Celery, Muskgrass, Horned Pond Plant, described in this folder.

FROGS

The aquatic plants listed in this folder — shoreline plants, marsh and water plants, support the countless numbers of small aquatic insect and animal life frogs feed on; and make a natural habitat for them.

GIANT BULLFROGS — Northern raised — live delivery guaranteed. \$3 each; \$5 per pair; 5 pairs, \$20; 2 pairs are ample for a one-acre water area.

HARDY MUSKRAT FOODS

A good Muskrat Marsh is one of the most profitable pieces of real estate you can own. You can keep the Muskrats on your own marsh, and attract them from adjoining areas — also stimulate an increase in your Muskrat population, by establishing an abundance and variety of these foods that Muskrats love and need.

FOR SHALLOW WATER UP TO 1 FT. DEEP

Sweet Flag, Cattail, Wapato (Muskrat Potato), Dwarf Wapato and Bur Reed. (See pages 2 and 3).

FOR WATERS 6 INCHES TO 3 FT. DEEP

Wild Rice. (See page 2).

FOR WATER 2 FT. TO 5 FT. DEEP

Water Lilies, Great Bulrush, Muskgrass, Elodea, Coontail, Duck Meats. (See inside pages.)

SWEET FLAG AND CATTAI ROOTS

1000. \$30; 300, \$11; 100, \$4.

Prices and information on other materials on inside pages.

DUCK WHEAT - GOOSE BUCKWHEAT

This is an excellent food for both wild waterfowl and upland game birds. It holds its seed well into cold weather and the birds are extremely fond of it. It is a good weed destroyer and matures in about eleven weeks or even less depending upon the weather. You can grow a crop of this excellent duck coaxter on almost any type of soil, mud, peat or even light sandy soil that will hardly grow anything else. We have had excellent growths from our seed even when planted in the "blow sand" of central Illinois. One particular planting germinated 3 days after planting and grew to about three feet in 60 days. The State Conservation Departments use this seed on their waterfowl refuges. In addition to being one of the finest duck foods, this plant ranks as one of the best pheasant and quail foods. Growing on the poorest of soils as it does and retaining the seed well into the winter makes it one of the best upland game bird grains. Plant 50 to 75 lbs. per acre in the Spring as per detailed instructions we send you with shipment and you'll have plenty of birds. Dry seed can be shipped by freight. SEED: \$10 per 100 lbs; \$6 for 50 lbs.; 35c per lb. in small lots.

CHUFA OR NUT GRASS

Sportsmen know the value of Nut Grass in attracting and holding wild waterfowl. Nut Grass grows wild in many sections of the country, however the tubers produced by the wild plant are few and small and not nearly as meaty as our developed variety. Also you cannot control your wild crop of Nut Grass, whereas you can plant our Chufa where you want it and where it will do the most good in bringing in the birds.



Natural Foods for Upland Game--Ducks, Song Birds

Under natural conditions most duck areas have a good growth of Nut Grass only once every few years when water levels permit good growth. However, with our fresh seed tubers you can establish an excellent feeding bed for the ducks, quail, turkeys and doves wherever you want to attract the birds. If you have any ponds that can be controlled as to water supply and level, this is an excellent natural food to use. Drain the area, then sow 40 lbs. per acre, and after the plants mature and just prior to the opening of the season, flood the area and then you'll be surprised to see how the ducks "work" in the ponds. SEED: 100 lbs., \$65; 40 lbs., \$28; smaller lots, 75c lb.

SESBANIA

One of the latest, proven, excellent duck food and cover plants for planting in Illinois and Southern states. Not only does this food plant produce a great abundance of natural food for the wild ducks in the form of seed, but the plant grows to a good height to provide both cover for the birds and good cover for blinds use. You can just run your duck boat into a bed of this food and you have one of the finest natural blinds. Plant the seed of this plant as early as possible in the Spring to make certain of a mature crop of food for the birds. Just sow the seed on mud flats, in shallow water or in any low, marshy area for best results. Sow 20 lbs. per acre. The seed produced by this plant is not only very attractive to wild waterfowl, but also attracts quail, wild turkeys and other upland game birds. SEED: 100 lbs. or more 45c per lb.; Smaller lots, 75c per lb.; 20 lbs. for \$12.

WILD MILLET

(Echinochloa crus-Galli)

If you have any mud flats that are flooded during the duck season and just moist the balance of the year the Wild Duck Millet is an ideal duck and goose food for you to plant. It will grow in ordinary garden soil and that is why it can be used in planting ponds that may be flooded during the duck flight. This is an excellent cover and blind plant also, so by one planting you may accomplish a two-fold purpose, both food and cover. Also eaten by upland game birds.

We recommend a progressive planting from early in the season until about August 10th in the North and to September 1st in the South. To insure an abundance of food available from the very beginning of the season and throughout. Duck Clubs in California and areas that have considerable fog sow from March to June. In foggy locations it takes longer to mature. The result will be a stand of the finest food for the ducks that will not only attract the birds in flocks, but will hold them and give you some of the finest sport you have ever had. Quick growing. Dry seed can be shipped by freight. 100 lbs. sows 4 acres. GRADE A-1 SEED: 100 lbs., \$15; 25 lbs., \$5; smaller lots, 25c lb.

FOOD PATCHES FOR UPLAND GAME BIRDS

The secret in attracting wildlife, song birds, quail, pheasants, grouse, or any other wildlife, lies in furnishing them with plenty of food, cover, shelter, escape and concealment areas, and nesting sites. Food patches should always be near adequate cover. Travel lanes, in the case of quail, pheasants or other upland game, furnishing cover, concealment and protection for game birds, should be established connecting food patches with cover — fence-rows planted with climbing vines, shrubs, trees, provide this sort of cover in a most excellent way, and they also furnish an abundance of food in the berries, and seeds they produce. If wildlife on your property does not find enough food, it leaves for other areas in search of food, or becomes weak, and undernourished, and easy prey for predators.

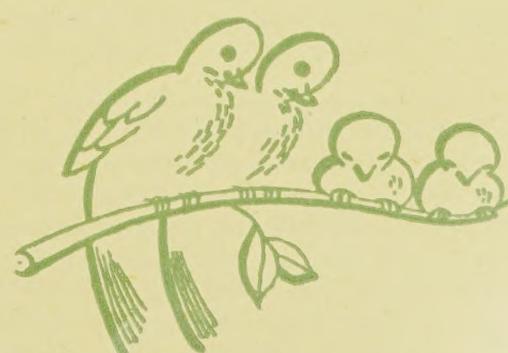
The term "food patches" refers to plots of grains, seeds, foliage, and tuber-producing crop plants, most of which are planted each year. The soils should be prepared for these food patches, as you would prepare it for sowing other grains. Plant in plots of about $\frac{1}{4}$ to $\frac{1}{2}$ acre, preferably in long, narrow strips, located in, or adjacent to natural cover — such as brushy fence rows, ditch banks, gulleys, or borders, where fruit, berry and seed-bearing trees, shrubs, vines and plants grow naturally, or are planted for the purpose of furnishing natural food and cover for wildlife. If interested write for list of seed, fruit and berry-bearing trees, shrubs and vines for wildlife.

Sow 25 lbs. of seed mixture per acre in spring — preferably broadcast by hand, since the drill will not equally distribute the mixture, due to the difference in sizes of the various seeds in the mixtures. The mixtures include plants that hold their seeds well thru winter, providing food when the wildlife needs it most.

UPLAND GAME FOOD MIXTURE

SEED at \$30 per 100 lbs.; 25 lbs., \$12.50.

These are dry seeds that can be shipped by freight if desired.



WHAT OTHERS SAY:

"Bagged my limit of Mallards in 18 minutes!"
—California.

"Good duck shooting all thru season over your
duck foods!" — Virginia.

Knickelbein's supply Northern and Southern-grown duck and fish food planting materials, of the Best Grade A-1 Quality, for all conditions. Write for special planting helps and suggestions for planting your area — send sketch giving details for free plan.



"You're right — Sago Pond Plant is an excellent duck coaxter — ducks on our lake every day thru season, eating it!" — Colorado.

"Our duck food plantings are attracting many ducks!" — New York.

Complete line natural foods for Wild Ducks, Geese, Quail, Pheasants, Grouse, Song Birds - Ornamental Plants, Shrubs, Trees and Vines. **PLAN AND PLANT NOW!** Our mature planting materials produce quick results. Special prices on quantity lots.

Knickelbein's
WILD LIFE NURSERIES
Route 5 — Box 26 Oshkosh, Wisconsin